

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/831,690B
Source: JFNP
Date Processed by STIC: 7-1806

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IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/831,690B

DATE: 01/18/2006
TIME: 15:13:56

Input Set : A:\NEU-115.P.1 SEQ ID.ST25.txt
Output Set: N:\CRF4\01182006\I831690B.raw

3 <110> APPLICANT: Carson, Monica J
 4 Sutcliffe, J. Gregor
 5 Almazan, Melissa T.
 6 Tobal, Gabriela M.
 8 <120> TITLE OF INVENTION: Gene Expression Modulated By Activation of Microglia Or
 9 Macrophages
 11 <130> FILE REFERENCE: 98,634-A
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/831,690B
 C--> 13 <141> CURRENT FILING DATE: 2001-05-11
 13 <150> PRIOR APPLICATION NUMBER: US 60/108,259
 14 <151> PRIOR FILING DATE: 1998-11-12
 16 <160> NUMBER OF SEQ ID NOS: 76
 18 <170> SOFTWARE: PatentIn version 3.3
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 267
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Mus musculus
 25 <400> SEQUENCE: 1
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 28 gtcaatccag cctgcattct ctccttcctt ccaccaagac ttctgtttct gctacttttg 120
 30 cttcagaggc cgcctctgcc tcaagccac ctatctggg agcaggaata ctgggtgtta 180
 32 catctgtgtt gagtggggaa gacagctgga tgggtgtctg tcaacttctg cactttggac 240
 34 attaaacatt ctccacacac cgaaaaaa 267
 37 <210> SEQ ID NO: 2
 38 <211> LENGTH: 331
 39 <212> TYPE: DNA
 40 <213> ORGANISM: Mus musculus
 42 <400> SEQUENCE: 2
 43 ccggacaagt gtggccacag gaaaatgact ctgccaccag ttctggcccc cacagtact 60
 45 gaaggccccca ggaaagaaga caggagtctg tgaagaatgt tttcaaaatg gtgcataat 120
 47 tgacttattt ccctcgggtc cccactagag gatcgaggct agatgccttg tgagaaatgc 180
 49 cttttagttt actgtccccca acgtttttat aatattgtat ataagactat gaccgattgt 240
 51 atttctataa gggagacat ggcacctctg ccgcotgctt cgtctttata cgacttttt 300
 53 ttaattaaag ttttggatct ttggagaaaa a 331
 56 <210> SEQ ID NO: 3
 57 <211> LENGTH: 297
 58 <212> TYPE: DNA
 59 <213> ORGANISM: Mus musculus
 61 <400> SEQUENCE: 3
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 64 tctctcgta ccctgatctc cccgcacggt tggctccctg gtctggaaaca ttatgttttt 120
 66 taaggcaact gtggccaata ttatcat gacataaaaa tggatattacg tatttgactg 180
 68 aaatgaaagt tccactaaac ggtatgtat gtggcacatt gtgatatttt 240

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70 cttagtctgt tctgtttat ttaaaaaata aaattgctga tcaagacaga ataaaaa 297
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 74 <211> LENGTH: 200
 75 <212> TYPE: DNA
 76 <213> ORGANISM: Mus musculus
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 80 <221> NAME/KEY: misc_feature
 81 <222> LOCATION: (22)..(22)
 82 <223> OTHER INFORMATION: N stands for A, C, G or T
 84 <220> FEATURE:
 85 <221> NAME/KEY: misc_feature
 86 <222> LOCATION: (172)..(172)
 87 <223> OTHER INFORMATION: N stands for A, C, G or T
 89 <400> SEQUENCE: 4
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 92 taaactctaa tttctatcaa ggtatcatgg gtttttaaaa ttagtatttc attacaaatg 120
 94 tctcgatgtt ggttaactaa ttttgccag gaccattatt gatcaaggaa anaaattcaa 180
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 100 <211> LENGTH: 218
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 104 <400> SEQUENCE: 5
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 107 taataatttg aatgtaacct tgattgttat catcttgacc tagggctgat ttcttgttaa 120
 109 tttcatggat tgagaatgct tagaggtttt gtttgttgt ttgattgatt tgtttttttg 180
 111 aagaaataaa tgatacatgta ataaaacttcc agaaaaaa 218
 114 <210> SEQ ID NO: 6
 115 <211> LENGTH: 211
 116 <212> TYPE: DNA
 117 <213> ORGANISM: Mus musculus
 119 <400> SEQUENCE: 6
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 122 tctagtatta ataaatatta gcccaccaac agctaccatt acatttatta ttttacttct 120
 124 actcacaatt ctagaatttg cagtagcatt aattcaagcc tacgtattca ccctcctagt 180
 126 aagcctataat ctgcatgata atacgtaaaa a 211
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 130 <211> LENGTH: 229
 131 <212> TYPE: DNA
 132 <213> ORGANISM: Mus musculus
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 136 <221> NAME/KEY: misc_feature
 137 <222> LOCATION: (220)..(220)
 138 <223> OTHER INFORMATION: N stands for A, C, G or T
 140 <220> FEATURE:
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 142 <222> LOCATION: (228)..(228)
 143 <223> OTHER INFORMATION: N stands for A, C, G or T
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146	ccggtttgggt	catccaacag	rgaagaaaatg	aatatgaaat	tccagcaata	agaaaatgaac	60
148	aaagatttggaa	gctgaagacc	ttaagtgcct	gctttttgcc	ctctgaccag	ataacattag	120
150	aaactatctgc	attatctatg	cagcatgggg	tttttattat	ttttacctaa	agatgtctct	180
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155	<210> SEQ ID NO: 8						
156	<211> LENGTH: 213						
157	<212> TYPE: DNA						
158	<213> ORGANISM: Mus musculus						
160	<400> SEQUENCE: 8						
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163	gtaaatgtgg	gaatgtttgt	aacttgttt	tgtatctaat	gtcgatcccc	ttaggtgggtt	120
165	gtactataat	tcattttgt	tgtaaacttc	agcctaagat	aatgtacat	ctgctttgtt	180
167	atgcactcat	taaacattgt	aacagaccaa	aaa			213
170	<210> SEQ ID NO: 9						
171	<211> LENGTH: 355						
172	<212> TYPE: DNA						
173	<213> ORGANISM: Mus musculus						
176	<220> FEATURE:						
177	<221> NAME/KEY: misc_feature						
178	<222> LOCATION: (328)..(328)						
179	<223> OTHER INFORMATION: N stands for A, C, G or T						
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184	ggaccctgtc	cctgcactgc	tcggctttcc	cttccgcagc	caaccttgct	ggttcagcca	120
186	aacactgagg	gacatctgta	gcctgtcagc	tccatgctac	cctgacotgc	aactcctcac	180
188	ttccacactg	agaataataa	tttgaatgt	accttgattt	ttatcattt	gacttaaggc	240
190	tgatttcttg	ttaatttcat	ggatttgagaa	tgcttagagg	ttttgtctgt	ttgtttgatt	300
W--> 192	gatttgtttt	tttgaagaaa	taaatganag	atgaataaac	tcccaaataatg	aaaaaa	355
195	<210> SEQ ID NO: 10						
196	<211> LENGTH: 360						
197	<212> TYPE: DNA						
198	<213> ORGANISM: Mus musculus						
201	<220> FEATURE:						
202	<221> NAME/KEY: misc_feature						
203	<222> LOCATION: (84)..(84)						
204	<223> OTHER INFORMATION: N stands for A, C, G or T						
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W--> 209	gttcccggtgc	gcaggatcac	tcgnegcttt	cgtaccatcg	acatcgaaacc	tgacatagaa	120
211	accctgtgt	cccagcagtc	tggcaactcc	taaggcggcc	ctggcattgg	cttggtgatt	180
213	actggctgca	ctctgggggg	cgggttctcc	atgatgggt	ttcctctaaa	tttgcacgga	240
215	gaaacacctg	atttccagga	aaatccctc	agatggcgc	tggtcccac	cattcccgat	300
217	gcctttccac	ctaataaag	gtggtttac	tactaagaat	aaagtgcgt	atgtcaaaaa	360
220	<210> SEQ ID NO: 11						
221	<211> LENGTH: 361						
222	<212> TYPE: DNA						
223	<213> ORGANISM: Mus musculus						
225	<400> SEQUENCE: 11						
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228	attatattct cagggactgc atgcaatgt a	acattactgg ttggttctgc caat	tttcct	120
230	cttggattt ataaaggaaa accaaaactc ttggcagag acaat	atgc a	aaacagagat	180
232	gtcaagtact atgtccaaat actgtgaaat atagt	gagaa ataggt	aaca aatttatcaa	240
234	tcaactatgt ttggatccag ggaatctcaa gttattcaat tcattctctg	taagcctt	g	300
236	tctctctt catccagact tttgccttca aatacaagca tgcgctat	ttt	tctggaaaa	360
238	a			361
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249	cgaagtgc	tc ttttatgct tgcattt	aaa cctgaaatgt	120
251	gtgagcagaa tgagacaatc ttacaatca gaattgagaa gtgttacaat tgaatggc	c	tt	180
253	tgtgctgttag caataaaatg accaagtgc	a atgactttaa	taaaatcatc cttcaa	240
255	aaaaa			245
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259	<211> LENGTH: 264			
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261	<213> ORGANISM: Mus musculus			
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266	gaagacaaa agactgtt	a ccaagcagat tgaatggcc	gtggtaaag acctgcca	120
268	ctgtcaggtt agcgtcaggc agttaca	aaag tctgttgg	gtt aaaaagta acagagca	180
270	tgttcaaaag taaaat	tttataggaa ttca	gtt gatttcaat ccaacttgc	240
272	taataatgt gaagtcttca	aaaa	ta tcacaccgt	264
275	<210> SEQ ID NO: 14			
276	<211> LENGTH: 192			
277	<212> TYPE: DNA			
278	<213> ORGANISM: Mus musculus			
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283	ttcatatcct	tcaaaatgtt cagaactgtg tcttaagaga attatttataa gttactataa		120
285	ctgaattgac	aaatgtcgac ttaactgata aattatattt ggtaaaataa aatggaa	gtt	180
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291	<211> LENGTH: 375			
292	<212> TYPE: DNA			
293	<213> ORGANISM: Mus musculus			
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298	agaatgctca acatgaccct ctgctgactg gaggtgtctt aagtacgaat cccttcagac			120
300	cccgaaaatg ctgctctt ttgttagtca	c ttttgc	tttcaaa ccactttca	180
302	tgaaccatgt aatattcaag agaactaaat ttgaagtctg tacaaaagct tcttttaac			240
304	acgtgccata atacactatc ttctgctcg	t cagtccttac	catctac	300
306	atggatttct gtctcacaag gtttaactat ttatataca ctggctgt	g catacaataa	ttc	360
308	agcatcatac aaaa			375
311	<210> SEQ ID NO: 16			
312	<211> LENGTH: 397			

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313 <212> TYPE: DNA
 314 <213> ORGANISM: Mus musculus
 317 <220> FEATURE:
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 319 <222> LOCATION: (385)..(385)
 320 <223> OTHER INFORMATION: N stands for A, C, G or T
 322 <220> FEATURE:
 323 <221> NAME/KEY: misc_feature
 324 <222> LOCATION: (387)..(387)
 325 <223> OTHER INFORMATION: N stands for A, C, G or T
 327 <220> FEATURE:
 328 <221> NAME/KEY: misc_feature
 329 <222> LOCATION: (391)..(391)
 330 <223> OTHER INFORMATION: N stands for A, C, G or T
 332 <400> SEQUENCE: 16
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 335 aatgtggta aaacgggccc agtgatgtcg gggagacca atccagctga ttcaaaacca 120
 337 ggcaccatcc gtggggattt ctgcattcaa gttggcagga acatcatca tggcagtgtat 180
 339 tcagtgggaga gtgctgagaa agagatccat ctgtggttt agcccgaaaga actgatcgac 240
 341 tacaagtctt gtgccatga ctgggtgtac gagtagacat gaagaaacca gaatcctttt 300
 343 cagcactact gatgggtttc tggacagagc tcttcatccc actgacagga tggatcatct 360
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 348 <210> SEQ ID NO: 17
 349 <211> LENGTH: 231
 350 <212> TYPE: DNA
 351 <213> ORGANISM: Mus musculus
 353 <400> SEQUENCE: 17
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 356 atttctgagt ttgaggccag cctggtctac agagttagtt cgaggacaac cagggctaca 120
 358 cagagaaacc ctgtctcgaa aacccaaaaac aaaaaaaaaaa gaactccagt taagacttct 180
 360 aataccaaat tctcttgcaa gttatgaaaa taaagtatat aaamcgaaaa a 231
 363 <210> SEQ ID NO: 18
 364 <211> LENGTH: 317
 365 <212> TYPE: DNA
 366 <213> ORGANISM: Mus musculus
 368 <400> SEQUENCE: 18
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 371 gctgtggagt gctgcttatg gggagaatgt gctgaaaaaaaaa gcatgagccct tcctgccaag 120
 373 gattgctgac aaactgtctc tgattgtttc tttaaggaac tgctttctct ccctgactcc 180
 375 tctgctcattc ctggccatac aattttccag tcagcaaacc tcattactaa tcatgttaggg 240
 377 aatggagctt aaagcagaca gagcaccttt tgatcacatt tttttctct gcaataaaatg 300
 379 acaactccca acaaaaa 317
 382 <210> SEQ ID NO: 19
 383 <211> LENGTH: 232
 384 <212> TYPE: DNA
 385 <213> ORGANISM: Mus musculus
 387 <400> SEQUENCE: 19
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 390 atttctgagt ttgaggccag cctggtctac agagttagtt cgaggacaac cagggctaca 120

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Please Note:

~~Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.~~

Seq#:4; N Pos. 22,172

Seq#: 7; N Pos. 220,228

Seq#: 9; N Pos. 328 ✓

Seq#:10; N Pos. 84(✓)

Seq#: 16: N Pos. 385, 38

Seq#:22 N Pos. 72,119

Seg#: 26 N Pos. 47,48

Seq#:28, N Pos. 16

Seg#:30 N Pos. 13.14.

Seq#:56, N Pos: 13,14,
Seq#:76: Xaa Pos: 14

Seq#: 8, Recd FOB: 14

VERIFICATION SUMMARY

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
M:341 Repeated in SeqNo=4
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:180
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:300
L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:60
L:345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:360
L:496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:60
M:341 Repeated in SeqNo=22
L:582 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:1333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0